ABSTRACT

Composition for inhibiting the ability of mosquitoes to locate a target by olfactory emissions of the target comprise a composition of at least one inhibiting compound selected from the group consisting of 3-methyl-1-alkene-3-ols of the formula:

$$\begin{matrix} CH_3 \\ R^{\underline{1}} - C - CH = CH_2 \\ OH \end{matrix}$$

and 3-methyl-1-alkyn-3-ols of the formula:

$$\begin{matrix} CH_3 \\ R^2 - C - C \equiv CH \\ OH \end{matrix}$$

wherein R¹ and R² are each independently a saturated or unsaturated aliphatic hydrocarbon group containing from 1 to about 12 carbon atoms, in a vehicle base that is a porous or waxy medium. The composition being capable of dispensing the inhibiting compound in an amount effective to inhibit the ability of mosquitoes to sense a target in a three dimensional environmental space.